



SEQUENCE LISTING

<110> Walker, John
Lee, Rogan
Dougherty, Stephen W.

<120> Antigen Composition Against Mycoplasma

<130> U-011415-0

<140> US 08/913,430

<141> 1997-09-12

<150> PCT/AU96/00149

<151> 1996-03-15

<150> PN 1789

<151> 1995-03-16

<160> 18

<170> PatentIn Ver. 2.0 - beta

<210> 1

<211> 1782

<212> DNA

<213> Mycoplasma hyopneumoniae

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<210> 2

<211> 419

<212> PRT

<213> *Mycoplasma hyopneumoniae*

<400> 2

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Gln	Thr	Glu	Ser	Gly	Ser	Thr	Ser	Asp	Ser	Lys	Pro	Gln	Ala	Glu	Thr	
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Leu	Lys	His	Lys	Val	Ser	Asn	Asp	Ser	Ile	Arg	Ile	Ala	Leu	Thr	Asp	
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Pro	Asp	Asn	Pro	Arg	Trp	Ile	Ser	Ala	Gln	Lys	Asp	Ile	Ile	Ser	Tyr	
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Val	Asp	Glu	Thr	Glu	Ala	Ala	Thr	Ser	Thr	Ile	Thr	Lys	Asn	Gln	Asp	
				85					90					95		
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Leu	Ile	Thr	Gly	Ser	Asp	Lys	Tyr	Asp	Trp	Tyr	Val	Ser	Phe	Asp	Asn	
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Glu	Lys	Val	Gly	Glu	Leu	Gln	Gly	Leu	Ser	Leu	Ala	Ala	Gly	Leu	Leu	
				165				170						175		
Gly	Lys	Glu	Asp	Gly	Ala	Phe	Asp	Ser	Ile	Asp	Gln	Met	Asn	Glu	Tyr	
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385					390					395					400
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Pro Asp Ala

<210> 3

<211> 25

<212> PRT

<213> Mycoplasma hyopneumoniae

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<210> 4

<211> 29

<212> PRT

<213> Mycoplasma hyopneumoniae

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<210> 5

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<213> Mycoplasma hyopneumoniae

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<213> Mycoplasma hyopneumoniae

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<213> Mycoplasma hyopneumoniae

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<213> Mycoplasma hyopneumoniae

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<210> 9

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<213> Mycoplasma hyopneumoniae

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<213> Mycoplasma hyopneumoniae

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<222> (12)

<223> Residue may be L

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<213> Mycoplasma hyopneumoniae

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<223> Residue may be I

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<220>

<221> VARIANT

<222> (7)

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<222> (13)

<223> Residue may be N

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<212> PRT

<213> *Mycoplasma hyopneumoniae*

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Ala Leu

<210> 13

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<212> PRT

<213> Mycoplasma hyopneumoniae

<400> 13

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Ala His Glu Leu
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<210> 14

<211> 12

<212> PRT

<213> Mycoplasma hyopneumoniae

<400> 14

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<210> 15

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<212> PRT

<213> Mycoplasma hyopneumoniae

<400> 15

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<210> 16

<211> 23

<212> DNA

<213> Mycoplasma hyopneumoniae

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<222> (18)
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<400> 16

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23

<210> 17

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<212> DNA

<213> Mycoplasma hyopneumoniae

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23

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<212> DNA

<213> Mycoplasma hyopneumoniae

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20